

Amdt. dated April 7, 2010
Reply to Office action of May 21, 2009

Serial No. 10/814,431
Docket No. SJO920030085US1
Firm No. 0037.0061

- 1 1. (proposed amendment) A data management method, comprising:
 - 2 using an operating system, operating a source volume of a source device wherein
 - 3 the source volume includes storage, a plurality of user files stored in said storage and a
 - 4 file system for locating said user files stored in said storage, said file system including an
 - 5 address table identifying the location of each file on said storage device, said operating
 - 6 including said operating system locating said user files in said storage using said file
 - 7 system and said address table of said file system;
- 8 backing up contents of a the source volume of the source device at a first client
- 9 station as at least one object of a database stored in a data storage subsystem wherein the
- 10 at least one object represents an image of the contents of the source volume of the source
- 11 device and wherein the image of the contents of the source volume of the source device
- 12 ~~includes a plurality of files and a file directory of the source device;~~
- 13 using the database, tracking attributes and location of the at least one object in the
- 14 database;
- 15 using the at least one object, restoring the contents of the source device from the
- 16 at least one object ~~to in the form of~~ a target file in a file system stored on a storage
- 17 device ~~instead of in the form of a volume being operated as a volume by an operating~~
- 18 ~~system so that the target file contains internally within said target file, data representing~~
- 19 ~~said contents of the source volume device including data representing said plurality of~~
- 20 ~~files and said file system directory of the source volume device but said target file lacking~~
- 21 ~~within the contents of the target file both user files and a file system wherein said file~~
- 22 ~~system comprises a plurality of files and an address table identifying the location of each~~
- 23 ~~file on said storage device;~~
- 24 using an operating system, using the target file as a file instead of a volume so
- 25 that the target file is not operated as a volume by an operating system; and
- 26 copying data representing the restored contents of the source volume device from
- 27 the target file to a target volume of a target device so that the target volume device
- 28 contains the restored contents of the source volume device including said plurality of files
- 29 of the source volume device and said file system directory of the source volume device;
- 30 and

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- 31 using an operating system, operating the target volume as a volume, including
- 32 using said operating system, locating said user files in said target volume using said file
- 33 system of said target volume so that the target volume is operated as a volume instead of
- 34 a file by an operating system.